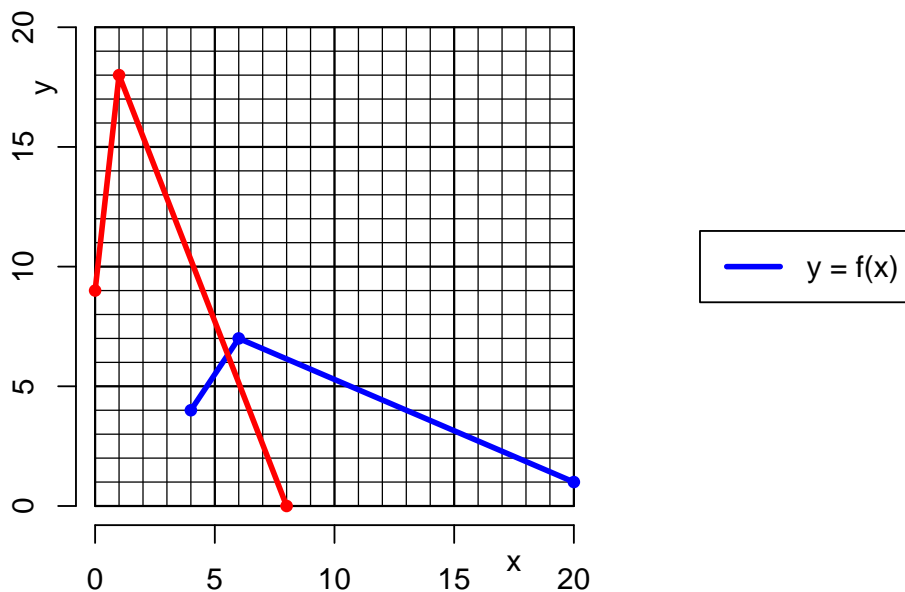# PCW_09_18 Find new points after transformation (version 44)

Question 1

Curve $y = f(x)$ contains points $(4, 4)$ and $(6, 7)$ and $(20, 1)$, as shown on the x-y plane below.
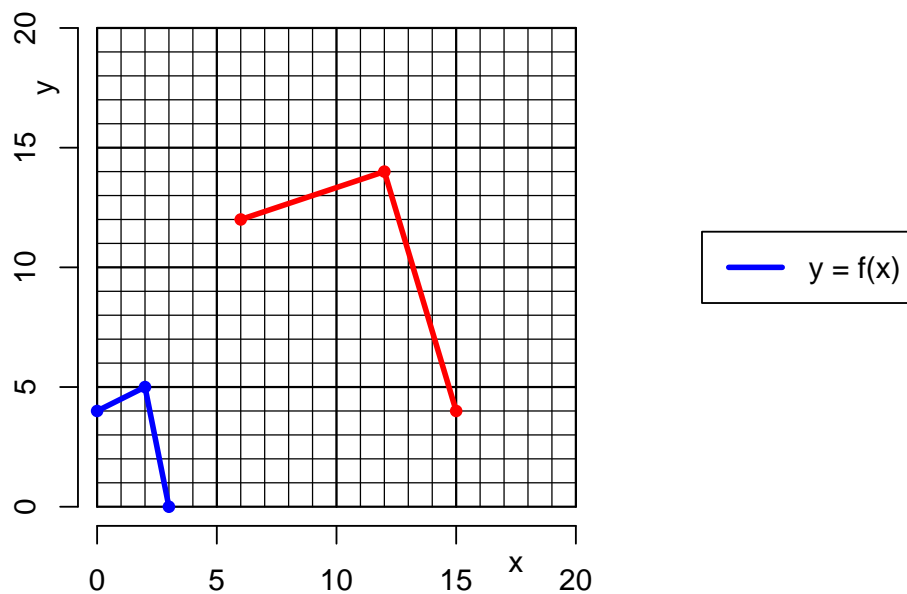

On the same plane, please draw the curve represented by the equation below:

$$y = 3\left(f\left[2\left(x + 2\right)\right] - 1\right)$$

Question 2

Curve $y = f(x)$ contains points $(0, 4)$ and $(2, 5)$ and $(3, 0)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = 2\left(f\left[\frac{x - 6}{3}\right] + 2\right)$$